

Converting Colors

Hex(4B2021)

Have a look what the booklet for
Hex(4B2021) contains.

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Color

Hex(4B2021)

Conversions

Conversions Part 1

Format	Color
Hex	4B2021
RGB	75, 32, 33
RGB Percent	29%, 13%, 13%
CMY	0.7059, 0.8745, 0.8706
CMYK	0.00, 0.57, 0.56, 0.71
HSL	359°, 40%, 21%
HSV	359°, 57%, 29%
XYZ	3.6927, 2.6387, 1.7535
YIQ	44.9710, 25.3070, 9.4270

Conversions

Conversions Part 2

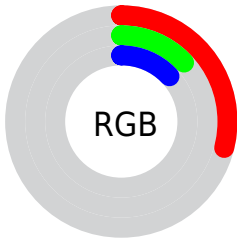
Format	Color
R_{YB}	75, 32, 33
Decimal	4923425
CIE _{Lab}	18.53, 20.49, 9.04
CIE _{LCh}	19, 22.393, 23.798
Yxy	2.6387, 0.4567, 0.3264
Android (android.graphics.Color)	4283113505 (0xFF4B2021)
YUV	44.9710, -5.9017, 26.3354
Hunter-Lab	16.2440, 12.1505, 4.9705

Details

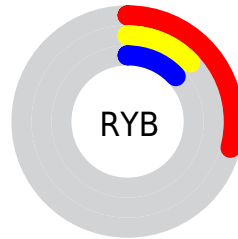
The Hex color **4B2021** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **204B4A**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **7E4E4D**, and **1B0001** is the 20% darker color. If you saturate the color by 10%, you get **4B181A**, and if you desaturate by 10%, it is **4B2728**.

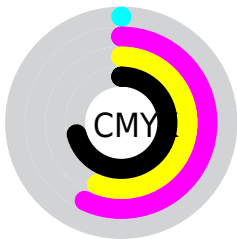
Distribution



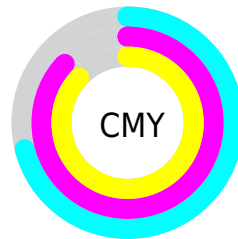
- Red (29%)
- Green (13%)
- Blue (13%)



- Red (29%)
- Yellow (13%)
- Blue (13%)



- Cyan (0%)
- Magenta (57%)
- Yellow (56%)
- Black (71%)



- Cyan (71%)
- Magenta (87%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B2021 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 4B2021 by changing the saturation by 10% instead.



4B2021



4B2021

FFFFFF



330A0A



7E4E4D



1B0001



996665



000000



B57F7E



D19998



EEB4B2



FFD0CE



FFECEA



4B2021



4B2021

■ 4B181A

■ 4B2728

■ 4B1112

■ 4B2F30

■ 4B090B

■ 4B3737

■ 4B0204

■ 4B3E3E

■ 4B0002

■ 4B4646

■ 4B4D4D

■ 4B5554

■ 4B5C5C

■ 4B6463

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



491F31



4B2021



452513

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4B2021



163319



00304D

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



4B2021



204B4A

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



003447



4B2021



003529

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4B2021



2A300E



00353A



282A4B

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4B2021



3E290D



00353A



00314C

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



4B2021



615051



4A204B



302727



B0B0B0



303030

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



4B2021



611E20



4B3420



262223



660002



E60005

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



4B2021



611E20



20374B



262223



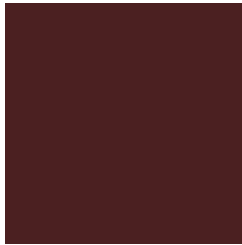
660002



E60005

Previews

White Background



This preview shows how the Hex color 4B2021 looks on a white background.

Color Contrast Check

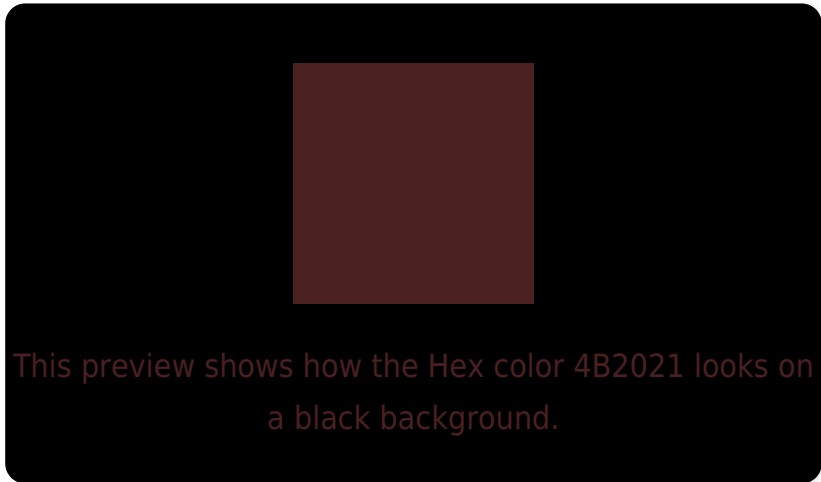
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 4B2021 Background



This preview shows how black text looks on a background with the Hex color 4B2021.



This preview shows how white text looks on a background with the Hex color 4B2021.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

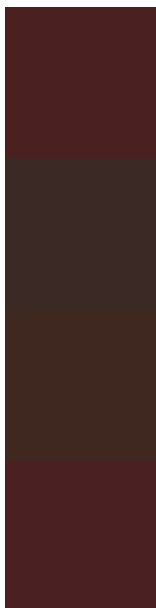


Original Color
4B2021

Protanopia
302E27

Deuteranopia
372C1F

Trichromacy



Original Color

4B2021

Protanomaly

3A2925

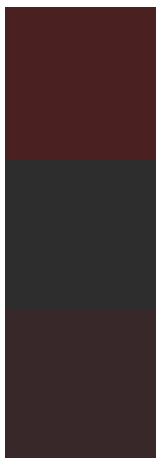
Deuteranomaly

3E2820

Tritanomaly

4B2022

Monochromacy



Original Color

4B2021

Achromatopsia

2D2D2D

Achromatomaly

382829

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B2021 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #4B2021 looks like.

```
.text, #text, p{  
    color:#4B2021  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #4B2021 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B2021
}
```

Border

The CSS property to change the border of an element to Hex 4B2021 is called "border". The border property can be set on classes, ids or directly on the HTML element.

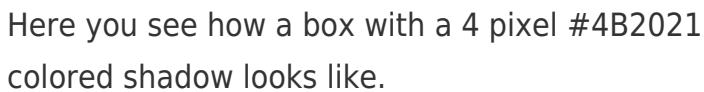
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4B2021 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#4B2021 }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #4B2021 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B2021; -webkit-box-shadow:4px 4px  
4px 4px #4B2021; box-shadow:4px 4px 4px  
4px #4B2021 }
```

Background

The CSS property to change the background color of an element to Hex 4B2021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B2021 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#4B2021 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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